UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 09/17/2009

Eric K. Satermo P.O. Box 60882 Irvine, CA 92602 EXAMINER LEE, JOHN J

ART UNIT PAPER NUMBER

2618

DATE MAILED: 09/17/2009

	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
Ī	10/736,483	12/15/2003	Alexander C. Pummer	0317-01	3492

TITLE OF INVENTION: TELECOMMUNICATION SYSTEMS FOR PROVIDING CELLULAR SERVICE TO RF SHADOWS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	12/17/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless corrects maintenance fee notifica	ed below or directed oth	ng the Patent, advance on nerwise in Block 1, by (a	rders and notification of many specifying a new corres	naintenance fees wi pondence address;	ill be and/or	mailed to the current of (b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPOND	Fee(s) Transmittal. This rs. Each additional	certif paper	icate cannot be used for	domestic mailings of the or any other accompanying it or formal drawing, must		
Eric K. Saterm P.O. Box 60882 Irvine, CA 9260		72009	State addr	eby certify that this es Postal Service was essed to the Mail	s Fee(: ith suf Stop	of Mailing or Transn) Transmittal is being ficient postage for first ISSUE FEE address 1) 273-2885, on the da	deposited with the United class mail in an envelope above, or being facsimile
							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/736,483 TITLE OF INVENTION	12/15/2003 I: TELECOMMUNICAT	TION SYSTEMS FOR PR	Alexander C. Pummer ROVIDING CELLULAR S	ERVICE TO RF SI	HADO	0317-01 WS	3492
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0		\$1055	12/17/2009
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
LEE, Jo		2618	455-011100				
CFR 1.363). Change of corresp Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-C Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Unl	condence address (or Cha B/122) attached. lication (or "Fee Address D2 or more recent) attach ND RESIDENCE DAT/ less an assignee is ident th in 37 CFR 3.11. Com	nge of Correspondence "Indication form led. Use of a Customer A TO BE PRINTED ON This ified below, no assignee	2. For printing on the part (1) the names of up to or agents OR, alternative (2) the name of a single registered attorney or a 2 registered patent attorn listed, no name will be part of the part (print or type data will appear on the part a substitute for filing and (B) RESIDENCE: (CITY)	3 registered patent rely, e firm (having as a gent) and the name meys or agents. If n printed. e) ttent. If an assigne assignment.	membs of upon name	er a 2o to e is 3	cument has been filed for
Please check the appropr	riate assignee category or	categories (will not be pr	rinted on the patent): \Box	Individual 🗖 Co	rporati	on or other private gro	up entity Government
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
	ns SMALL ENTITY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no long	-			
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other than the Office.	ne applicant; a regis	tered a	attorney or agent; or the	e assignee or other party in
Authorized Signature				Date			
Typed or printed name				Registration No	э		
This collection of inform an application. Confiden submitting the complete this form and/or suggests	nation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this bur	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the	on is required to obtain or re 1.14. This collection is esti- depending upon the indiv- e Chief Information Office COMPLETED EXPMS.	etain a benefit by the imated to take 12 m idual case. Any con r, U.S. Patent and	e publ ninutes nment Fraden	ic which is to file (and to complete, including s on the amount of tim nark Office, U.S. Depa	by the USPTO to process) gathering, preparing, and the you require to complete terment of Commerce, P.O. Port 1450.

SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/736,483	12/15/2003	Alexander C. Pummer	0317-01	3492	
75	90 09/17/2009		EXAMINER		
Eric K. Satermo			LEE, JOHN J		
P.O. Box 60882			ART UNIT	PAPER NUMBER	
Irvine, CA 92602			2618		
			DATE MAILED: 09/17/200	9	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
	40/720 402				
Notice of Allowability	10/736,483 Examiner	PUMMER ET AL. Art Unit			
•					
	JOHN LEE	2618			
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED or other appropriate comm IGHTS. This application is	n this application. If not included nunication will be mailed in due cours			
1. 🔀 This communication is responsive to applicant's amendme	nt/argument with Petition i	iled on October 13, 2008.			
2. ☑ The allowed claim(s) is/are <u>10 and 11</u> .					
3. Acknowledgment is made of a claim for foreign priority ur	nder 35 U.S.C. § 119(a)-(d)	or (f).			
a) All b) Some* c) None of the:					
 Certified copies of the priority documents have 	e been received.				
Certified copies of the priority documents have	e been received in Applicati	on No			
Copies of the certified copies of the priority do	cuments have been receive	ed in this national stage application fr	om the		
International Bureau (PCT Rule 17.2(a)).					
* Certified copies not received:					
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requiren	nents		
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			E OF		
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.				
(a) ☐ including changes required by the Notice of Draftspers	son's Patent Drawing Revie	w (PTO-948) attached			
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date					
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date					
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t) of		
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			he		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of I	nformal Patent Application			
2. \square Notice of Draftperson's Patent Drawing Review (PTO-948)		Summary (PTO-413),			
3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	Paper No 7.	./Mail Date s Amendment/Comment			
Examiner's Comment Regarding Requirement for Deposit of Biological Material		s Statement of Reasons for Allowanc	e		
	9.	·			

DETAILED ACTION

Reasons of Allowance

1. The following is an examiner's statement of reasons for allowance: claims 10 and 11 are allowable over the prior art of record for the reasons as stated in the Applicant's amendment/argument filed on October 14, 2008 pages 2 – 5, and Petition decision with Granted (8/6/2009), and Examiner's Office Action mailed out January 13, 2006 pages 5.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, D.C. 20231 Or P.O. Box 1450 Alexandria VA 22313

or faxed (571) 273-8300, (for formal communications intended for entry)

Or: (703) 308-6606 (for informal or draft communications, please label

"PROPOSED" or "DRAFT").

Application/Control Number: 10/736,483 Page 3

Art Unit: 2618

Hand-delivered responses should be brought to USPTO Headquarters,

Alexandria, VA.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to John J. Lee whose telephone number is (571) 272-7880.

He can normally be reached Monday-Thursday and alternate Fridays from 8:30am-5:00

pm. If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Nay

Maung, can be reached on (571) 272-7882. Any inquiry of a general nature or relating to

the status of this application should be directed to the Group receptionist whose telephone

number is (703) 305-4700.

J.L

September 12, 2009

John J Lee

/JOHN J LEE/

Primary Examiner, Art Unit 2618